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* * * * * Welcome to STN International * * * * *

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NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40
minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source
(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPplus enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
translated claims for Chinese Applications and
Utility Models

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 10:15:19 ON 21 OCT 2009

=> file medline biosis caplus embase
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 10:15:30 ON 21 OCT 2009

FILE 'BIOSIS' ENTERED AT 10:15:30 ON 21 OCT 2009

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=> s De Leo V?/AU

L1 490 DE LEO V?/AU

=> s l1 and (FSH or follicle(w)stimulating(w)hormone)

L2 111 L1 AND (FSH OR FOLLICLE(W) STIMULATING(W) HORMONE)

=> s l2 and (disomy or diploidy)

L3 3 L2 AND (DISOMY OR DIPLOIDY)

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (1 DUPLICATE REMOVED)

=> La(w)Marca A?/AU

LA(W)MARCA IS NOT A RECOGNIZED COMMAND

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=> s La(w)Marca A?/AU

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'LA(W)MARCA'

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'LA(W)MARCA'

L5 0 LA(W) MARCA A?/AU

=> s La Marca A?/AU

L6 329 LA MARCA A?/AU

=> s l6 and (FSH or follicle(w)stimulating(w)hormone)

L7 95 L6 AND (FSH OR FOLLICLE(W) STIMULATING(W) HORMONE)

=> s l7 and (disomy or diploidy)

L8 1 L7 AND (DISOMY OR DIPLOIDY)

=> dis ibib abs l4 1-2

L4 ANSWER 1 OF 2

MEDLINE on STN

DUPLICATE 1

ACCESSION NUMBER: 2009439389 MEDLINE

DOCUMENT NUMBER: PubMed ID: 19549439

TITLE: Sperm aneuploidies after human recombinant follicle
stimulating hormone therapy in infertile
males.

AUTHOR: Piomboni Paola; Serafini Francesca; Gambera Laura;
Musacchio Concetta; Collodel Giulia; Morgante Giuseppe;
De Leo Vincenzo

CORPORATE SOURCE: Department of Biomedical Sciences, University of Siena,
Italy.. piomboni@unisi.it

SOURCE: Reproductive biomedicine online, (2009 May) Vol. 18, No. 5,
pp. 622-9.

Journal code: 101122473. E-ISSN: 1472-6491.

PUB. COUNTRY: England: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200909
 ENTRY DATE: Entered STN: 25 Jun 2009
 Last Updated on STN: 10 Sep 2009
 Entered Medline: 9 Sep 2009

AB Errors in sperm chromosome segregation are frequently observed in infertile males. It would therefore be useful to develop methods for reducing the rate of aneuploidy in spermatozoa. Thirty-one males were selected with an elevated frequency of total sperm aneuploidy of sperm chromosomes 18, X and Y by fluorescence in-situ hybridization (FISH): 22 were treated with 150 IU of recombinant FSH on alternate days for 3 months and the other nine (controls) did not receive any hormonal treatment. Before therapy, FISH analysis demonstrated an increased frequency of diploidy (0.663 +/- 0.09%), disomy (0.412 +/- 0.03%) and total aneuploidy (1.30 +/- 0.12%) in the 22 males. Sperm analyses revealed reduced progressive motility (26.73 +/- 2.3%) and a reduced percentage of spermatozoa with normal morphology (23.86 +/- 5.3%). After 90 days of therapy, a significant reduction in aneuploidies (mean total aneuploidy: 0.86% +/- 0.11; P = 0.005) was obtained, as well as an improvement in functional and structural sperm characteristics. In untreated patients, no significant change in semen parameters and frequency of total aneuploidy was observed between baseline (1.054 +/- 0.06%) and 90 days later (1.080 +/- 0.05%). It is therefore suggested that deranged meiotic segregation in spermatozoa could be reduced by FSH treatment.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:122884 CAPLUS
 DOCUMENT NUMBER: 142:170428
 TITLE: Use of follicle stimulating hormone for reduction of spermatozoa chromosomal aberration in males
 INVENTOR(S): De Leo, Vincenzo; La Marca, Antonio
 PATENT ASSIGNEE(S): Laboratoires Serono S.A., Switz.
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005011726	A1	20050210	WO 2004-EP51593	20040723
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1673105	A1	20060628	EP 2004-766306	20040723
EP 1673105	B1	20070502		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2006528651	T	20061221	JP 2006-521576	20040723

AT 361092	T	20070515	AT 2004-766306	20040723
ES 2284052	T3	20071101	ES 2004-766306	20040723
US 20070037742	A1	20070215	US 2006-565763	20060605
PRIORITY APPLN. INFO.:			EP 2003-102303	A 20030725
			EP 2004-100760	A 20040226
			WO 2004-EP51593	W 20040723

AB The present invention relates to the use of a substance having a FSH activity for reducing gamete chromosomal alterations in a male, more specifically in men suffering from spermatozoa aneuploidy.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
43.69	43.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
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SINCE FILE	TOTAL
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=> dis ibib abs l8
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L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
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SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

EP 1673105 A1 20060628 EP 2004-766306 20040723
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
JP 2006528651 T 20061221 JP 2006-521576 20040723
AT 361092 T 20070515 AT 2004-766306 20040723
ES 2284052 T3 20071101 ES 2004-766306 20040723
US 20070037742 A1 20070215 US 2006-565763 20060605
PRIORITY APPLN. INFO.: EP 2003-102303 A 20030725
EP 2004-100760 A 20040226
WO 2004-EP51593 W 20040723

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OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
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FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 10:15:30 ON 21 OCT 2009
L1 490 SEA FILE=MFE SPE=ON ABB=ON PLU=ON DE LEO V?/AU
L2 111 SEA FILE=MFE SPE=ON ABB=ON PLU=ON L1 AND (FSH OR FOLLICLE(W)
STIMULATING(W) HORMONE)
L3 3 SEA FILE=MFE SPE=ON ABB=ON PLU=ON L2 AND (DISOMY OR
DIPLOIDY)
L4 2 DUP REM L3 (1 DUPLICATE REMOVED)
L5 0 SEA FILE=MFE SPE=ON ABB=ON PLU=ON LA(W) MARCA A?/AU
L6 329 SEA FILE=MFE SPE=ON ABB=ON PLU=ON LA MARCA A?/AU
L7 95 SEA FILE=MFE SPE=ON ABB=ON PLU=ON L6 AND (FSH OR FOLLICLE(W)
STIMULATING(W) HORMONE)
L8 1 SEA FILE=MFE SPE=ON ABB=ON PLU=ON L7 AND (DISOMY OR
DIPLOIDY)
DIS IBIB ABS L4 1-2

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FILE 'CAPLUS' ENTERED AT 10:19:38 ON 21 OCT 2009
DIS IBIB ABS L8

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COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.07 47.55
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
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CA SUBSCRIBER PRICE 0.00 -1.64

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